The Gazette



of **Endia**

PUBLISHED BY AUTHORITY

SIMLA, SATURDAY, DECEMBER 2, 1961 (AGRAHAYAN 11, 1883)

Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs NOTIFICATIONS

Calcutta, the 2nd December 1961

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

15th November 1961

- 79332. Imperial Chemical Industries Limited. Coating polyolefine films. (18th November 1960).
- 79333. Imperial Chemical Industries Limited. Melt spinning. (18th November 1960).
- 79334. Imperial Chemical Industries Limited. New monoazo compounds. (23rd November 1960). [Addition to No. 63533].
- 79335. Coal Industry (Patents) Limited. Belt fasteners. (22nd November 1960).
- 79336. The Chemstrand Corporation. Textured multilobal filament yarn.
- 79337. English Steel Corporation Limited, Improvements in automatic couplers for rail vehicles. (3rd December 1960). ...
- 79338, S. A. Glaverbel. Process and furnace for melting and working products such as glass.
- 79339, G. F. A. Daumy. Improvements in or relating to stopcocks or the like.
- 79340. The Firestone Tire & Rubber Company. Vulcanizing member. (16th May 1961).
- 79341. British Industrial Plastics Limited, Copolymers.
- 79342. Daimler-Benz Aktiengesellschaft. Improvements relating to double shaft joints. (27th September 1961).
- 79343. Daimler-Benz Aktiengesellschaft. Improvements relating to commercial motor vehicles with resiliently mounted cabs. (18th October 1961).
- 79344. The Standard Oil Company. Preservation of kerosine during storage. (13th October 1961).
- 79345. Institut Français Du Petrole, Des Carburants Et Lubrifiants. Improvements in the process for making isoprene by condensation of isobutene with formaldehyde.
- 79346. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the production of isoprene.
- 79347. American Radiator & Standard Sanitary Corporation, Cooling means for refrigerant compressor motors.
- 79348. H. P. Schofield. Improvements in or relating to hypodermic needles.

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- 79349. T. Ramanujam, An invention for a one-piece safety-pin.
- 79350. A. R. Balsara. Improved liquid soap dispenser.
- 79351. C. A. Dabholkar. Iron tank pasteuriser for milk in bulk.
- 79352. Inventa A. G. Fur Forschung Und Patentverwertung.

 Process for the production of pure methanol from crude synthetic methanol.
- 79353. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the manufacture of β -methylmercaptopropionaldehyde.
- 79354. Schweizerische Wagons-und Aufzugefabrik A.-G. Schlieren-Zurich, Elevator control system.
- 79355. J. R. Geigy A.-G. Piperidine derivatives.
- 79356. J. R. Giegy A.-G. Process for the production of a new N-heterocyclic compound and pharmaceutical preparations thereof.
- 79357. United States Rubber Company. Improvements in chemical process. (29th September 1961).
- 79358. United States Rubber Company. Improvements in chemical process. (29th September 1961).
- 79358. United States Rubber Company. Improvements in chemical process, (29th September 1961).
- 79360. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of N-(4-sulphonamidophenyl)-butane sultam and pharmaceutical compositions containing the same. (17th March 1960). [Divisional date 20th May 1960].
- 79361. M. J. Puretic. Power-operated winch for fishing nets.
- 79362. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing bulbs provided with substantially cylindrical necks from lengths of glass tubing, machines for carrying out such methods, and products manufactured by these methods.
- 79363. Maschinenfabrik Rieter A. G.—Improvements relating to bale rasps for textile spinning machines. (7th July 1961).
- 79364. E. Merck Aktiengesellschaft. New derivatives of 3keto-steroids and processes for their manufacture.

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- 79365. M. H. Shah. A method of manufacturing gas and like cylinders.
- 79366. Dunham-Bush, Inc. Refrigeration system.
- 79367. Compagnie De Pont-A-Mousson. Machine for handling foundry moulds.

- 79368. Compagnie De Pont-A-Mousson. Improved process and device for producing foundry cores.
- 79369. L. H. Cope. Improvements in or relating to powders for extinguishing fires.
- 79370. Commonwealth Scientific and Industrial Research Organization. Chemical compounds.
- 79371. The Singer Manufacturing Company, Sewing machine with changeable colour scheme.
- 79372. Takeda Chemical Industries Limited. (Paraacyloxyphenoxy)-benzoic acid derivatives.
- 79373. Behringwerke Aktiengesellschaft. Disaggregated gamma globulin and process of preparing it.
- 79374. Ciba Limited. New vat dyestuffs and their manufacture and use.
- 79375. National Castings Company. Car coupling.
- 79376. T. Nojima. Vertical revolving garages.
- 79377. J. C. Bajaj. Key ring bag.
- 79378. N. V. Research Laboratorium, Dr. C. Janssen. Process for the production of 1-(aroylalkyl)-4-piperidine carboxamides and related compounds.
- 79379. Toyame Kagaku Kogyo Kabushiki Kaisha. Chemical process, product and use thereof.

18th November 1961

- 79380. N. L. Rangiah. Safety device for prevention of stow burns and death.
- 79381. Westinghouse Electric Corporation. Improvements in or relating to luminaire.
- 79382. Gevaert Photo-Producten N. V. Process for developing electrostatic charge patterns.
- 79383. Atlas Chemical Industries, Inc. Process for preparing 2, 5-bis hydroxymethyl tetrahydrofuran.
- 79384. American Home Products Corporation. Process for preparing new penicillan derivatives and pharmaceutically acceptable salts thereof and antibacterial composition.
- 79385. Salzgitter Industriebau Gesellschaft m.b.h. A process for the treatment of hemicellulose containing plant materials.
- 79386. J. C. Cavanagh and E. G. Inman. Process for the removal of water, fats and other components from material of animal, vegetable or marine origin. (21st November 1960).
- 79387. G. S. Taskar. Improved vacuum bottle or like filler device.

20th November 1961

- 79388. Council of Scientific and Industrial Research. A process for the manufacture of "gaylite" a bloated clay aggregate from the silt deposited by the river hooghly.
- 79389. Dr. G. V. Ramanen. Improvements in photographing and projecting of coloured motion pictures.
- 79390. M. D. Pradhan. Padlock.
- 79391. B. R. Mediratta. A method of manufacture of any fluted tool resulting in the novel feature i.e. creation of flutes of different rake angles at all points of each flute (superficially it would be as helical flute).
- 79392. R. K. Limaye. A machine as a unit for the manufacture of yarn from cotton known as portable spinning-cum-carding and slivering machine.
- 79393. E. Y. Ranade. Improvements 1962, in heating liquids.
- 79394. Huyck Corporation. Picking mechanism for looms.
- 79395. Pittsburgh Plate Glass Company. Glass drawing apparatus.
- 79396. Fisons Pest Control Limited. Fungicidal composi-
- 79397. Nelsons Silk Limited. Improvements in or relating to the flame-proofing to textile fibres and fabrics. (28th November 1960).
- 79398. Imperial Chemical Industries Limited. Coloured viscose rayon. (2nd December 1960).
- 79399. A. R. D'Andrea and W. F. Becker Jr. Container. (9th January 1961).
- 79400. Stamicarbon N. V. Prilling device. [Addition to No. 72901].
- 79401. Dorr-Oliver Incorporated. Flocculating apparatus.
- 79402. Ciba Limited. Process for dyeing or printing fibrous materials or aromatic polyesters.

- 79403. The British Petroleum Company Limited. Improvements relating to the isomerisation of paraffin hydrocarbons. (1st December 1960).
- 79409. J. G. Walford, Improvements in or relating to the distillation of sea water. (23rd November 1960).
- 79405. Trafalgar Engineering Company Limited. Improvements in and relating to cable making machines. (22nd November 1960).
- 79406. Standard Telephones and Cables Limited. Improvements in or relating to automatic telephone exchanges. (9th July 1959). [Divisional date 28th July 1959].
- 79407. Rotary Hoes Limited. Rotary cultivating machine. (22nd November 1960).
- 79408. Raytheon Company. Trace plating.
- 79409. Union Carbide Corporation. Heat-hardenable phenoric lic resins,
- 79410. J. L. Englesberg. Immersible filters.
- 79411. Ciba Limited. A process for the preparation of esters and polyesters.
- 79412. Ciba Limited. New hardenable epoxy resin compositions.
- 79413. Ritter Company, Inc. Improvements in surgical table.
- 79414. Didier-Werke A.G. Chemically bonded metal clad refractory bricks.
- 79415. Farbwerke Hoechst Aktiengesellschaft. Waterinsoluble monoazo-dyestuffs and process for their manufacture.
- 79416. Tyer and Company Limited. Improvements in or relating to relays and socket connectors.
- 79417. General Electric Company. Improvements in or relating to traction motor suspension.
- 79418. Siemens & Halske Aktiengesellschaft. Improvements in or relating to telephone networks. (25th, July 1961).
- 79419. Siemens & Halske Aktiengesellschaft. Improvements in or relating to start-stop telegraph systems (7th September 1961).
- 79420. Siemens & Halske Aktiengesellschaft. Improvements in or relating to telegraph systems, (18th July 1961).
- 79421. Aschaffenburger Zellstoffwerke Aktiengesellschaft.
 Process for the brightening of bagasse-pulp
 manufactured according to the neutral sulfite
 process.
- 79422. Deutsche Gold-Und Eilber-Scheideanstalt Vormals Roessler. Process for improving the properties of halogen-containing thermoplastic polymers, (23rd, October 1961).

21st November 1961

- 79423. Loken Bose and Indian Statistical Institute. Seismographic attachment using miniature photodiodes (which could also be used for analysing many other problems of physics and mathematics).
- 79424. A. V. Bharathan. Conveniently drying clothes in restricted residential areas provisionally named 'folding cloth dryer'.
- 79425. Imperial Chemical Industries Limited. New dyestuffs, (24th November 1960).
- 79426. Imperial Chemical Industries Limited. New waterinsolutle dyestuffs. (6th December 1960).
- 79427. "Automatic" Sprinkler Corporation of America. Improvement in or relating to pipe joint.
- 79428. J. R. Geigy A.-G. Piperidine derivatives.
- 79429. Esso Research and Engineering Company. Integrated process of ore reduction and gas generation.
- 79430. Nikken Chemicals Co. Ltd. Anti-wilting agents for plants and fruits and method for their application.
- 79431. Aktiebolaget Bofors. Damping device for a servo system.
- 79432. Paillard S. A. Improvements in or relating to a device for the rectilinear guiding of a movable member.
- 79433. K. Sassmannshausen, Improvements in or relating to electric incandescent lamps. [Divisional date 1st June 1960].

- 29434. North Western Gas Board and The Clayton Aniline Company Limited. Improvements relating to the removal of hydrogen sulphide. (29th November 1960).
- 79435. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to self-generating inverters with controlled semi-conductor rectifiers.
- 79436. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to flanged spools for tape-shaped record carriers.
- 79437. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to apparatus for working glass tubing.
- 79438. Ciba Limited. Pharmaceutical preparations containing pyrazolo-pyrimidines. [Divisional date 21st April 1961].
- 79439. Bochumer Verein Fur Gusstahlfabrikation
 Aktiengesellschaft. Improvements in or relating
 to the degasification of metal.
- 79440. Infilco Incorporated. Surface aerator.
- 79441. Crompton Parkinson Limited. mprovements relating to electric arc stud welding. (13th December 1960).
- 79442. Bundy Tubing Company. Improvements in or relating to presses.
- 79443. Chas. Pfizer & Co., Inc. Antibiotic process.
- 79444. Voltas Limited. Improvements in or relating to road vehicles.
- 79445. Ciba Limited. New vat dyestuffs and process for their manufacture.
- 79446. Ciba Limited. Manufacture of a new urea.
- 79447. Ciba Limited. Process for the preparation of new bitter substances.

Alteration of Date

- 71054. The claim to priority date 18th March 1959 has been disallowed and the application dated as of 14th March 1960, the date of filing in India.
- 71315. The claim to priority date 26th February 1960 has been abandoned and the application dated as of 2nd April 1960, the date of filing in India.
- 76250. Ante-dated to 15th June 1960 under Section 5 of the

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompained by the numebrs of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the atent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

71087. F. O. Meissner and H. O. A. Meissner. Improvements in or relating to filling a hollow element with liquid. (21st December 1959). Accepted on 18th November 1961.

Filling the hollow element with the first liquid medium, forming an electric circuit including the switching means regulating supply of the second liquid medium by displacement of the first liquid medium until the current can no longer pass through the first liquid medium.

70814. D. P. Ahuja. A process for the extraction of the mannogalactankmucilage from the seeds of the herbaceous, leguminous plant called guar, to the exclusion of all other parts of the seed. Accepted on 18th November 1961.

Wherein the seed is submitted to progressive milling and thereafter triturating the small particles obtained.

70840. American Machine & Foundry Company. Fluoropolymer composition and method of manufacturing the same. (6th June 1959). Accepted on 21st November 1961.

By providing a mixture of solid fluoropolymer and a liquid vinyl monomer, generating free radicals therein and ploymerizing the said monomer.

70956. A. C. Padamsee. Improvements in or relating to vacuum flasks. Accepted on 18th November 1961.

A screw cap provided with a plug closure member depending therefrom, when secured to the shoulder causes said plug to be wedged into the mouth of the glass bottle.

70783. Dr. C. Otto & Comp. G.m.b.H. Method for continuously making coarse-grained ammonium sulfate and saturators therefor. Accepted on 16th November 1961.

Comprising a container having a partition wall and inlet means for ammonia and sulphuric acid into its outer chamber and air into its inner chamber.

71054. Cartiera Italiana Societa Per Azioni. Filtering element. Accepted on 16th November 1961.

> Comprising the steps of depositing fibres from a suspension on a porous mold which is shaped so as to obtain an initial structure consisting of possibly large number of elements in the form of triangular prisms disposed in a star-like arrangement.

71136. N. V. Octrooien Maatschappij "Activit". Process for the treatment of fluids with carbon. Accepted on 15th November 1961.

By the use of active carbon obtained by the incomplete combustion of hydrocarbons with an oxygen containing gas.

71293. The Firestone Tire & Rubber Company. Catalytic composition and process for the polymerization of butadiene therewith. Accepted on 15th November 1961.

Reaction product of (1) aluminium alkyl, (2) titanium tetrachloride and (3) elemental iodine with mole ratio of (1) and (2) from 1/1 to 30/1 and of (3) & (2) from 0.25/1 to 50/1.

71315. American Cyanamid Company. Improvements in or relating to the production of tetracyclines. Accepted on 21st November 1961.

At least 2 microorganisms of the genus streptomyces are cultivated in a nutrient medium.

71380. Ing. J. Cerny. Method of continuous crystallization of calcium nitrate tetrahydrate from solution of phosphates decomposed by nitric acid and the apparatus therefor. Accepted on 15th November 1961.

Introducing frigorific liquid into crystallization bath to effect heat transfer so that liquid evaporates and crystals are collected from buttom.

71422. The Government of Israel on behalf of the State of Israel. A method of heating water in a black-bottomed pond by irradiated solar energy. Accepted on 16th November 1961.

The pond for the utilization of solar radiation comprises a solution inside the pond with a linear denisity gradient of the concentration which rises from the top of the pond to the bottom thereof, means for introducing make-up solute, means for feeding water and means for recovery of heat.

71771. British Telecommunications Research Limited. Improvements in selective electrical switching arrangements. (15th May 1959). Accepted on 21st November 1961.

In a cross-point switching system for producing a switching operation at a selected point on a co-ordinate matric in accordance with row and column markings, a transistor is located at each cross-point.

71822. Gevaert Photo-Producten N.V. Improvements in or relating to the production of surface-coated papers using surface-brightening agents. (19th May 1959). Accepted on 16th November 1961.

Incorporting aqueous solution of a water-soluble macromolecular product and aqueous solution of optical brightening agent.

71826. Institut Francais Du Petrole, Das Carburants Et Lubriflants. Improved process for the preparation of isoprene, Accepted on 16th November 1961.

Contacting aqueous acid solution of lower formaldehyde content formed by reacting isobutylene with formaldehyde solution with paraformaldehyde for reuse.

71831. Shell Internationale Research Maatschappij N. V. Novel epoxy alkyl esters, as well as processes for the production thereof and compositions comprising them. Accepted on 16th November 1961.

Reacting monocarboxylic acid with epoxy halogen alkane and subsequently splitting off hydrogen halide from reaction product.

71832. Shell Internationale Research Maatschappij N. V. Novel alkyd resins, novel processes for the production of alkyd resins and the use of such alkyd resins. Accepted on 17th November 1961.

One or more epoxy alkyl esters of monocarboxylic acids are reacted with one or more polybasic carboxylic acids or anhydrides thereof.

71852. Sandoz Ltd. Improvements in or relating to pyrimidine dyestuffs. (20th May 1959). [Addition to No. 66642]. Accepted on 18th November 1961.

By reacting organic dyestuffs containing at least one exchangeable hydrogen atom with 2.4.5.6.-tetra-halogenopyrimidine.

71858. Soletanche. Novel method for injecting clay-containing grout into ground and products serving for the execution of said method. (17th March 1960). Accepted on 18th November 1961.

Comprises injecting soils with a clayey grout with alkaline silicate with a product consisting of sodium silicate and acid phosphate of alkaline metals.

71881. Dr. P. K. Chandrasekaran. An improved rubber catheter for the introduction of contrast material for bronchography. Accepted on 17th November 1961.

Made of translucent latex rubber, one end of which is funnel shaped and the other truncated and blind, there being four small opening around the tube a little above the blind end, and groups of black ring marks around the catheter indicating distance from the blind end.

71883. J. D. Madaras. Process for refining sponge iron. Accepted on 18th November 1961.

Introducing sponge iron into kin and exposing to a temperature sufficiently high to reach incipient fusion of iron but below the melting point of slag.

71900. J. Lyons & Company Limited. Improvements in or relating to apparatus for the commutation of whole citrus fruit. (28th May 1959). Accepted on 18th November 1961.

Apparatus comprising a hopper, a plurality of citrus fruit comminuting devices for discharging into the hopper, agitating means and feed means for feeding fruit from said hopper.

71901. J. Lyons & Company Limited. Improvements in and relating to the manufacture of beverages and the like. (23rd December 1959). Accepted on 18th November 1961.

Comminuting whole fruit by means to rupture fruit sacs and oil cells, separating liquids from solids by gradually increasing pressure and adding sugar syrup to the said liquid.

71923. Westinghouse Electric Corporation. Immrovements in or relating to process for producing crystals and the products thereof. (10th August 1959). Accepted on 16th November 1961.

Contacting a melt of material crystallising in the diamond cubic lattice structure with a seed crystal and withdrawing the latter while the melt is supercooled at a rate correlated to the degree of super cooling so that material from the melt solidifies on the seed crystal and crystallises in the form of an elongated flat dendritic crystal.

71926. "Shell" Research Limited. Lubricating oil compositions. (28 May 1959). Accepted on 17th November 1961.

Lubricating oil with 0.1—20 per cent by weight of salt of oil-soluble polymeric amine and dithiocarbamic acid.

71930. Farbenfabriken Bayer Aktiengesellschaft. 2, 3dimercaptoquinoxaline derivatives and pesticidal compositions containing them. (18th March 1960). Accepted on 21st November 1961.

Reacting 2, 3-dimercapto-quinoxalene with a dihalagen compound or a-halogen ether.

71931. Lockheed Aircraft Corporation. Method of preparing cellular resin products. Accepted on 18th November 1961.

Reacting alky resin of 0.5—75 acid number 1—50 parts of polyhydric alcohol 75—100 parts of arylene polyisocyanate.

71932. Lockheed Aircraft Corporation. Polyurethane foam. Accepted 21st November 1961.

> Resin and arylene polyisocyanate are reacted at a temperature vaporizing the added volatile blowing agent to produce a resins to an material.

71943. Director, Indian Institute of Science Bangalore, A process for the synthesis of 8—isostrosterone the compounds so produced and the intermediates thereof. Accepted on 18th November 1961.

1 β : 2 α —(3'-acetoxy cyclopentano)-2:5-dimethyl-6-keto—1a, 2, 3, 4, 4a, 5a 6, 7, 8, 8aa—decahydro-naphthalene is condensed with vinyl methyl ketone or 4—dialkyl aminobutanane 2—methoioaide.

71955. Babcock & Wilcox Limited. Improvements in compusation apparatus for burning bagasse on like fuel. (2nd June 1959). Accepted on 20th November 1961.

Includes a mechanical stoker, a delivery chute, a scraper conveyor feeder, a bagasse supply chute and a feed device.

71987. Marconi's Wireless Telegraph Company Limited.
Improvements in or relating to very high frequency, amplifier arrangements. (15th October 1959). Accepted on 21st November 1961.

The input arrangement comprising first and second transmission lines, each of length substantially an odd number of quarter wavelengths at the mid-band operating frequency.

71994. Asahi Kasei Kogyo Kabushiki Kaisha, A process for polymerization of monomeric monoolefines. Accepted on 21st November 1961.

Polymerising monolefin in presence of a catalyst comprising (1) at least one metal selected from groups IV-B, V-B and VI-B of periodic table together with magnesium (2) at least one member selected from halides of metals of groups IV-A, V-A and VI-A and (3) one member selected from alkyl halides and arythaliaes

72013. Imperial Chemical Industries Limited. Process for the production of polymeric sheet materials (3rd June 1959). Accepted on 21st November 1961.

Calendering a composition produced by exposing polythene in comminuted form to contact with styrene to form swollen material containing from 10 to 35 per cent by weight ostyrene and polymerising said swollen materia under influence of heat and free-radical producing catalyst.

72022. J. R. Ferguson (Electrical Engineers) Limited, J. h Ferguson and R. J. Males. Improvements in o relating to moulded electrical insulation. (12th June 1959). Accepted on 16th November 1961.

The method of making comprising includin in the moulding one or more stress distribution or controlling layers and embedding the oeach layer in insulation resin.

72056. N. V. Philips Gloeilampenfabrieken, Improvements in or relating to methods of manufacturing by photographic agency, external, electrically conductive noble-metal layers on non-metallic, electrically non-conductive, macromolecular supports and products obtained by these methods. Accepted on 18th November 1961.

Wherein use is made of an outgrowth exposure and the internal metal germ image formed is developed by a physical developer.

72057. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing external, electrically conductive noble-metal layers on non-metallic, electrically non-conductive supports and products obtained by carrying out these methods. Accepted on 18th November 1961.

Wherein the bath containing the mercurous compound has a silver compound and/or the intensifying bath has one or more ionogenic surface-active compound.

72078. Sandoz Ltd. New pyrazolidine derivatives and process for their manufacture, (5th June 1959). Accepted on 16th November 1961.

1-alkyl-4-piperidone is condensed with 4:4-dialkyl-semicarbazide to produce a semicarbazone which is reduced to semicarbazide and the latter is converted with a reactive derivative of malonic acid.

72083. Pirelli Societa Per Azioni, Improvements in or relating to self-bonding insulating tapes for use in joining electric cables insulated with butyl rubber-base compositions and to cables joined therewith. (18th March 1960). Accepted on 18th November 1961.

Self-bonding insulating tapes prepared by mixing butyl rubber and carbon black in the presence of promotors and adhesive agents for joining electric cables insulated with butyl rubber composition.

72131. Dr. K. Ziegler. A process for the production of aluminium trialkyls from dialkyl aluminum halides. (10th March 1960), Accepted on 18th November 1961.

Wherein dialkyl aluminium (halide is converted into a complex compound by heating with potassium halide, cleaning it and separating aluminium trialkyl from the distillate.

72144. Zavody Elektrotepelnych Zarizeni, Narodni Podnik.
Hydraulic upsetting device, particularly for
automatic. butt-welding machine. Accepted on
18th November 1961.

Hydraulic upsetting device for automatic welding machines having a three-way slide with two positions which is maintained in first for flashing, in the second for upsetting by means of a pressure spring acting against the pull force of the electro-magnet.

72151. Polymer Corporation Limited. Polymerization of butadiene, (19th June 1959). Accepted on 16th November 1961.

> By polymerizing butadiene in the presence of a catalyst system formed from heavy metals of group IVb and certain halogen substituted alkyls of metals of Group IIIa of the Periodic Table.

72152. A. Boehringer E. Boehringer, I. Liebrecht, J. Liebrecht and W. Mayer-List. Process for the production of new purine derivatives. Accepted on 21st November 1961.

A primary or secondary diamine is reacted with a purine substituted in the 1, 3 or 7 position by a β —halogenoalkyl group.

72184. The Electric Storage Battery Company. Improvements in or relating to electric storage battery electrodes and method of making same. Accepted on 17th November 1961.

The electrode comprises a porous matrix of electrochemically active material uniformly dispersed throughout a thermoplastic resin being characterised by a plurality of thread like pores having average diameters of less than one micron in size.

72185. The Electric Storage Battery Company. Improvements in or relating to electric storage battery electrodes. Accepted on 17th November 1961.

Comprises a porous matrix of active material and a thermoplastic resin and includes a solid metallic soap compatible with said active material in quantities of from about 0.25 per cent to about 15 per cent by weight of active material.

72193. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New benzene-sulphoyl-cyclohexyl-ureas and process of preparing them. Accepted on 21st November 1961.

Wherein the new compounds are prepared by methods known for the manufacture of sulphonyl ureas.

72219. A. C. Padamsee. A device and a method for treating textiles, clothes and the like. Accepted on 21st November 1961.

Comprising a hollow vessel with an opening, a cover for the opening, means between them to provide air tight joint, means for tightly fixing cover to vessel, means for rotatably mounting vessel at two diametrically opposed points on a support and means for rotating the vessel about the diametrical axis extending between those points.

72224. D. K. Poonawala. Electrically operated harmonium. Accepted on 17th November 1961.

Comprises an air box, electrically operated air blower, air pressure regulator and safety valves, the said box is in communication with the diaphragm air chamber.

72256. Concrete Carrying Company Limited. Improvements relating to means for loading and discharging bulk loads of solid materials on vehicles. Accepted on 18th November 1961.

Main conveyor in the lower part of the vehicle for feeding the material and a secondary conveyor accommodatea beneath main conveyor extendable and adjustable for receiving material from main conveyor.

72264, Council of Scientific and Industrial Research. Metal detector. Accepted on 21st November 1961.

Comprises in combination a variable frequency operator, a fixed frequency oscillator, a heterodyne detector and an anaio frequency amplifier.

72269. Frick Company. Refrigeration system for control of temperature. Accepted on 21st November 1961.

System comprises a compressor, a condenser, a pair of evaporators operable at varying temperatures, refrigerant supply means for connecting said evaporators selectively to said condenser.

72279. Farbenfabriken Bayer Aktiengesellschaft. α —copper-phthalocyanines. Accepted on 15th November 1961.

> By grinding a weekly-coloured a —modification of copper phthalocyanine in the presence of halogeno alcohols or cyanoalcohols or esters thereof.

72311. Westinghouse Electric Corporation. Improvements in or relating to process for producing selectively doped semiconductor dendritic crystals. [Addition to No. 71923]. Accepted on 16th November 1961.

Preparing a melt comprising semiconductor material crystallising in the diamond cubic lattice structure and n-and p-type doping impurities having different segregation coefficient with respect to the material contacting the meltwith a seed crystal and withdrawing the same while the melt is supercooled at a rate correlated to the degree of supercooling whereby material from melt soldifies on the seed crystal and crystallises in the form of an elongated flat dentritic crystal with alternately arranged p and n-type layers.

72314. Shell Internationale Research Maatschappij N. V Stable mineral oil compositions. Accepted of 17th November 1961.

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Comprising mineral oil, oil-soluble aromatic amine $(R)_2$ NH and oil-soluble boron ester $(R_1O)_3$ B, when R is aromatic radicals and R is branch-chain alkylaryl radical.

72315. Colgate-Palmolive Company. Hair preparations. Accepted on 21st November 1961.

Comprising a toilet agent, a water-soluble reducing agent and 0.05 to 10 per cent of a diamide.

72333. Panda Engineering Works. Boilers for melting asphalt and the like Accepted on 16th November 1961.

Comprising a burner or torch assembly in which the fuel oil is supplied under pressure and a heating pipe to receive the hot gases from the burner.

72337. Pechiney Compagnie de Produits Chimiques et Electrometallurgiques. Tightening device for electric connections, Accepted on 17th November 1961.

Angular displacements of a rotating jaw are regulated by two distinct motion transmission means, by the displacements of a driving rotative part.

72343. Toyo Koatsu Industries, Incorporated. Recycle process for urea synthesis. Accepted on 21st November 1961.

By subjecting ammonia and carbon dioxide to urea synthesis temperature and pressure, subjecting it to distillation and concentration steps and then cooling it to crystallize the urea therefrom.

72346. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the polymerisation of acrylic monomers. Accepted on 16th November 1961.

Acrylic monomers are polymerised in the presence of aminotype catalysts obtained by reacting a dialkyl or diaryl amine with trialkyl/or alkylhalides of metals.

72354. Anderton Springs Limited. Apparatus for feeding circlips to a dispensing point. (29th June 1959).

Accepted on 18th November 1961.

Circular clips or fixing devices located freely in a container are caused to follow a guide path, one by one, to a guide bar and gravitates down to a dispensing point.

72356. F. Hoffmann-La Roche & Co. Aktiengesellschaft.
Process for the manufacture of lithium aluminium hydride. Accepted on 21st November 1961.

Hydrogenating an alloy of lithium and aluminium under superatmospheric hydrogen pressures at above 80°C.

72363. Corning Glass Works. Production of semicrystalline ceramic bodies. Accepted on 21st November 1961.

Heating a body of a homogeneous glass comprising on the oxide basis at least one glass forming oxides and 30—90 cationic mol per cent of the constituent oxides of at least one oxygenoctahedra ferroelectric compound.

72419. Takeda Pharmaceautical Industries Ltd. Production of 5'—nucleotides and of nucleosides. [Addition to No. 67017]. Accepted on 16th November 1961.

By contacting ribonucleic acid or deoxyribonucleic acid or oligoribonucleotides with enzymes produced from phosphodiesterase producing microorganism.

72439. Siemens-Schuckertwerke Aktiengesellschaft. A process for heat-treating a rod of semi-conductor material. Accepted on 21st November 1961.

Wherein a high-frequency a.c. voltage is applied across a coil that encircles a portion of the rod.

72469. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process and device for modifying and determining the "optimum" volume of the operating reaction chamber in ovens for the production of acetylene from hydrocarbons. Accepted on 15th November 1961.

Production of acetylene from partial combustion of hydrocarbons by varying the volume of the reaction chamber while shifting the burning block or plate until an "optimum" volume for a particular operating condition is reached.

72489. Standard Telephones and Cables Limited. Improvements in or relating to carrier current communication systems incorporating repeaters. (9th July 1959). Accepted on 21st November 1961.

Equipment for testing a line amplifier in a repeater comprising an auxiliary amplifier at the repeater, means for applying to the input of said auxiliary amplifier test current characteristic of the repeater and means for connecting the output of the auxiliary amplifier to an auxiliary modulator.

72560. Stewarts and Lloyds Limited. Improvements in or relating to apparatus for the manufacture of electric resistance welded tubing. Accepted on 17th November 1961.

Includes an impeder assembly comprising in combination a relatively elongated rod, a tube of material of high magnetic permeability telescoped on said rod, a sleeve, means for directing coolant under pressure and guide means.

72599. Ciba Limited. Water-Insoluble disazo-dyestuffs and process for their manufacture. Accepted on 15th November 1961.

A diazo compound is coupled with a hydroxy benzene the components being so chosen that product due contains at least one cyanalkoxy or cyanalkyl mercapto group.

72612. A. Kannayya. An improved type of circular plough. Accepted on 17th November 1961.

Convex shaped iron discs mounted on two iron bars by means of hubs, the bars being spaced so that soil not turned by the front disc is turned by the near disc.

72638. Ciba Limited. Improvements in or relating to the manufacture of aromatic ethers. Accepted on 21st November 1961.

Wherein phenols are reacted with conjugated dienes in the presence of an alkane sulfonic acid or tin tetrachloride or boron trifluoride.

72719. Beecham Research Laboratories Limited. A process for the recovery of 6-aminopenicillanic acid. Accepted on 21st November 1961.

By extracting with an organic solvent containing 0.5% to 10% of petroleum sulphonates.

72792. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process of preparing cis-1, 4 polybutadiene. Accepted on 17th November 1961.

Wherein the molecular weight of the polybutadiene is controlled by varying the volume ratio between the aromatic and aliphatic hydrocarbons of the mixture.

73003. AMP Incorporated. Improved method and clip for sealing plastic tubing. Accepted on 16th November 1961.

Which comprises a box-like, metallic member having an essentially rectangular cross-section and open ends two opposed walls of the member being plane and two curved inwardly.

73079. The British Drug Houses Limited. Process for the preparation of 17 a-acyloxy-6 a-methyl-16-methylenepregn-4-ene-3, 20-diones. (31st August 1959). Accepted on 16th November 1961.

By oxidising a 3 -hydroxy or acyloxy-6, 16-dimethyl pregna-5, 16-diene-20-one to the corresponding 16 a, 17 a -epoxide derivative, reacting with hydrogen halide, acylating the 17 a-hydroxyl group and oxidizing the 3 β -hydroxyl group of the acyloxyhydroxyketone obtained.

73091. Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Improvements in low pressure mercury vapour discharge lamps. (4th December 1959). Accepted on 16th November 1961.

Having at each of its ends an electrode supported by metallic supports acting as lead-in conductor, the electrodes being arranged at such distance from each other that electrical energy consumption of the lamp exceeds 40 milliwatts per sq. cm. of the external surface area of the bulb and at least one electrode is at a distance from adjacent sealed end of bulb which exceeds 1.5 times the external diameter of the bulb.

64391.

65220.

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64069.

68282.

64587.

65229.

64749.

65235.

73234. 4	A. S. Judah.	Improveme	ents in	or relating	to appli-
	ances for	practising	golf.	Accepted	on 21st
	November	1961.			

Serving as a 'hole' and consisting of a flat disc made of a plastic or like material which near its periphery, is enclosed by a ring fencing made of hinged barrier pieces.

73361. E. I. du Pont de Nemours and Company. Preparation of acrylonitrile dimer. Accepted on 21st November 1961.

By heating acrylonitrile at a pressure of at-least 100 pounds per sq. inch in an inert vessel or in the presence of water at a pH of less than

73617. Mastabar Mining Equipment Company Limited. Improvements in or relating to belt fasteners. (8th October 1959). Accepted on 21st November 1961.

> A pair of V or U-shaped limbs provided with at least two points on one limb and a corresponding number of abutments spaced apart along the length of the other limb, the points locoking with the abutments on insertion of the fastener in a belt.

73688. National Research Development Corporation. Improvements in or relating to rotary electric machines. (16th October 1959). Accepted on 21st November 1961.

Control circuit arrangement for controlling the speed of a 3-phase, squirrel case, pole-changing induction motor.

74102. Ciba Limited. Process for the manufacture of anthraquinone. Accepted on 21st November 1961.

Heating 1: 4-naphthoquinone with butadiene in nitrobenzene at 70—120°C and heating the product in nitrobenzene at atleast 180°C.

76250. Ciba Limited. Process for the manufacture of new sulfonamides. [Divisional date 1]
Accepted on 21st November 1961. [Divisional date 15th June 1960].

Wherein 3-substituted 1, 4-endomethylene- \triangle^{5} -cyclohexane-2-sulfonyl halices are converted into amides by reaction with ammonia or amine.

Opposition Proceedings

(1)

An opposition has been entered by California Research Corporation to the grant of a patent on application No. 70106 made by Soconv Mobil Oil Company, Inc.

(2)

An opposition has been entered by Hindustan Antibiotics Limited to the grant of a patent on application No. 71095 made by Ministerul Industriei Petrolului S.I. Chiemiei.

(3)

An opposition has been entered by Didier-Werke A.G. to the grant of a patent on application No. 71657 made by Russell Pearce Heuer.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)65086. 64994. 65131. 65136. 65140. 64346. 64347. 64890. 65172. 65173, 65142. 65157. 65159. 65160. 65174. 65184. 65284 65289 65290 65223 65230. 65252.65254. 65185. 65528. 65361. 65389. 65417. 65446. 65529. 65550, 65600, 65837. 65691. 65694. 65695. 65843. 65610. 65625. 65651. 66049. 66084. 66100. 66128. 66228. 65851. 65910. 66004. 66383. 66389 66457 66471. 66317. 66326. 66328.66276. 66525. 66547. 66549. 66587. 66656. 66702. 66718. 66720. 66884. 66888. 66894. 66923.66924. 66797. 66847. 66878. 66932. 66985. 67003. 67035. 67085. 67096. 67151, 67154. 67348. 67353 67364. 67406. 67771. 67828. 68257. 70758.

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(2) 65302. 65313. 65438 65489 65557 64515. 65232. 65287. 65812. 65940. 65959. 65960. 65563. 65568. 65569. 65630. 66334. 66362. 66430. 66545. 66636. 66936. 67104. 67526.

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64903. 65175. 65186. 65188. 65195. 65236. 65253. 65257. 65259. 65258. 65271. 65303. 65335. 65342.

65266. 65267. 65269. 65390. 65474. 65559. 65590 65591 65592. 65602. 65697. 65770. 65841. 65777. 65779. 65868. 66012. 66177. 66178. 66199. 66204. 66472. 66423. 66424.66622. 66628. 66638. 66639.

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66690. 66740. 66802. 66809. 66815. 66909. 66974. 67004. 67069. 67041. 67078. 67074. 67106. 67123. 67141. 67200. 67229. 67242. 67286. 67300. 67335. 67349. 67368. 67495. 67744.

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65911. 65925. 66107. 65448.66113. 66116. 66124. 66133. 66151. 66156. 66282, 66401. 66693. 66759. 66877. 66895. 66933. 67018. 67029. 67139. 67419. 67658. 67690, 67721. 67745. 67812. 68050. 68328. 68415. 68669. 68765. 68854.

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67796. 67878. 67920. 67923, 68152, 68446. 68721, 68739. 68760. 68768. 68841. 68871. 68848. 68874. 68881. 68884. 68887. 68890. 68896. 68906. 68908. 68920. 68942. 68971. 69000. 69005. 69008. 69033. 69103. 69102. 69104, 69165. 69269. 69277. 69292. 69324. 69338. 69441, 69450. 69494. 69508. 69562. 69570. 69577 69651. 69674. 69678. 69717. 69743. 69794 69795. 69802. 69842. 69879. 69896. 69967. 69977.70029. 70124. 70140. 70141. 70178. 70183. 70196. 70208. 70289. 70299. 70303. 70337. 70378. 70427. 70505. 70869. 70819. 70846. 70542. 70558. 70749.

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67885. 67931. 67932.68307. 68345. 68949. 68965. 68966. 68967. 68974. 68977. 68988. 68995. 69032. 69003. 69034. 69045. 69051. 69067. 69081. 69157. 69268. 69294. 69383. 69389. 69632. 69697. 69702. 69820. 69882 69911 69924. 69956. 70078. 70079. 70099, 70172. 70246. 70253. 70332. 70854. 70861. 70889. 70902. 72045. 61897. 64622. 68682. 68862. 69239, 69454 69329.

Patents Sealed

67931. 68181. 68680. 68790, 68991, 68990 69104. 69383. 69549. 69553. 69561. 69567. 69587. 69593. 69606. 69612 69642 69619 69623. 69637, 69650. 69652. 69656, 69664. 69686. 69704. 69714. 69718. 69767. 69777. 69911, 69943. 69953. 70063. 70235. 70088. 70102. 70105. 70142. 70145, 70219. 70223. 70312 70318. 70324 70331. 70408. 70424. 70425. 70450 70528 70616. 70645. 70647. 70648, 70689. 70734. 70924. 70744. 70825 70940. 71007. 71068.71296. 71076. 71150. 71314. 71460. 71462.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act. 1911, that Ciba Limited, Chemical Manufacturers, a Swiss Corporation, of 141, Klybeckstrasse, Basle, Switzerland, seek leave to amend the description and claims in the specification and figures of the drawings in respect of Patent application No. 65936. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Canadian Ingersoll-Rand Company, Limited, a corporation organized and existing under the laws of Canada having an office at 800-Birks Building, Phillips Square, Montreal, Quebec, Canada and Bird Machine Company, a corporation organized and existing under the laws of the State of Massachusetts, United States of America, located at South Walpole, State of Massachusetts, United States of America, seek leave to amend the name, nationality and address of the Applicant in the application specification and drawings in respect of in the application, specification and drawings in respect of

Patent application No. 71558. Any person desirous of oppos-Patent application No. 71558. Any person destrous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Food Machinery And Chemical Corporation now re-named FMC Corporation, a corporation incorporated in the State of Delaware, having of place of business at 161 East 42nd Street, New York-17, New York-17, New York-17, New York-18, New York-17, New York-18, New York-19, New York, United States of America, seek leave to amend the name of the applicant in the application specification and drawings in respect of Patent application No. 72018. Any person desirous of opposing the application for amend-Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules. 1933) in the Patent Office 214. Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges. ment of the usual charges.

(4)

The amendment proposed by Farbenfabriken Bayer Aktiengesellschaft in respect of Patents application No. 70160 as advertised in the Gazette of India Part III, Section 2 dated the 15th July 1961 has been allowed.

Renewal Fees Paid

Registration of Designs

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 109443. Chandasingh Meharsingh, Goraya, Jullundur District, Punjab State, India, an Indian Joint Hindu Family Concern, "A gear of chaffcutting machine", June 7, 1961.
- Class 1. No. 109460. B. R. Dhiman & Sons & also Vishiv Karma Foundry, Apra, District Jullundur, Pun-jab State, India an Indian Joint Hindu Family concern, "Pump for cycles and vehicles", June 8, 1961.
- Class 1. No. 110565. The Indian Light Gauge Metal Products Private Ltd., Bhagwan Mansion, Cinema Road, Dhobi Talao, Bombay-1, Maharashtra State, India, a Company incorporated under the Companies Act, 1956, "Structural units", August 29, 1961.

- Class 3. No. 110583. Fazlur Rahim, 14, New Market Road, Bangalore-1, Mysore, Indian Subject, "Soles and heels of footwear", August 31, 1961.
- Class 3. No. 110620. Kid Metal Halloware Manufacturing Works, 111, Commercial Road, Ambala Cantt., (Punjab), Indian Partnership Concern, "Tablebell", September 4, 1961.
- Class 3. No. 110640. Lucky Products, Indian Partnership firm, 342. Ibrahim Rahimtulla Road, Bombay-3, Maharashtra. "Powder compact". September 6, 1961.
- No. 110776. Winner Moulders, 1323/12 Bagichi Shiv Shanker, Multani Dhanda, New Delhi-1, Indian Partnership concern. "Safety razor", Class 3. No. 110776. Winner Moulders, September 15, 1961.
- Class 5. Nos. 109815 and 109816. 1. Syed Oomer Attar Syed Hussain, 2. Attar Syed Hussain Syed Rahman Hussain, 3. Attar Syed Hussain Syed Mohideen Hussain, 4. Attar Syed Hussain Syed Khader Hussain and 5. Attar Syed Hussain Syed Zakir Hussain, 1. Madar Sab Street, Bangalore-2, (South India), "Carton", July 5, 1961.
- Class 5. No. 110621. Shiv Kumar Sharma, Eskay Corporation India, 1582, Aziz Ganj, Bahadurgarh Road, Delhi-6 (India) Indian, "A Carton", September 4, 1961.
- Class 5. No. 110630. Kiron Products Private Ltd., a Private Limited Indian Company duly incorporated under the Indian Companies Act, 1913, 110/1A, Amherst Street, Calcutta-9, West Bengal, "Label", September 5, 1961.
- Class 5. No. 110909. Shadi Lal Saigal, No. 3, Ashton Road, Calcutta-20, West Bengal, Indian, "Label", Sep-tember 26, 1961.
- Class 13. Nos. 110515 to 110517. Galan Dyeing & Bleaching Mills, 95, Fergusson Road, Lower Parel, Bombay-13, Indian, "Textile goods", August 21, 1961.
- Class 13. Nos. 111136 and 111137. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Tex-tile piecegoods", October 12, 1961.
- Class 13. Nos. 111178 to 111180. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", October 20,
- Class 13. Nos. 111194 to 111230. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, "Textile goods", October 21, 1961.
- Class 13. Nos. 111262 to 111269. The Arvind Mills Limited, Naroda Road, Ahmedabad, Indian Company, "Cotton Textile fabrics", October 24, 1961.
- Class 13. Nos. 111272 to 111277. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", October 25, 1961.
- Class 13. Nos. 111344 and 111345. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", October 31, 1961.
- No. 111346. The Navsari Cotton and Silk Mills Ltd., 79—91, Mehta House, Apollo Street, Fort, Bombay, Etate of Maharashtra, a Public Limited concern incorporated under the Indian Companies Act, "Cotton piece goods", October 31, 1061 Class 13. 1961.

S. VENKATESWARAN

Controller General of Patents, Designs and Trade Marks